

Application No.: 10/565,565
Filing Date: January 23, 2006

Exhibit 1

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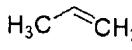
295663 Propylene ≥99%

<http://www.sigmaaldrich.com/catalog/search/ProductDetail/ALDRICH/2...>

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295663 Propylene

Aldrich ≥99%

	Synonym	Propene
	Molecular Formula	CH ₃ CH=CH ₂
	Molecular Weight	42.08
	CAS Number	115-07-1
	Beilstein Registry Number	1696878
	MDL number	MFCD00009279
	PubChem Substance ID	24857803
	EQ/EC Number	204-062-1

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Price and Availability

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Descriptions

Packaging 100, 300 g in Sure-Pac™
Recommended products Brass hose adapter Z146811 or brass body mini gas regulator Z513539 is recommended.

Properties

vapor density 1.48 (vs air)
vapor pressure 15.4 atm (37.7 °C)
assay ≥99%
autoignition temp. 860 °F
expt. lim. 11.1 %
bp -47.7 °C(lit.)
mp -185 °C(lit.)

References

Merck Merck 13,7941
Beilstein Beil. 1,IV,725
reference Corp MSDS 1 (2), 2954-D / FT-IR 2 (1), 24-A / RegBook 1 (1), 15-B / Sax 6, 2295 / Structure Index 1, 2-A:5 / Vapor Phase 3, 17-D

Safety

Hazard Codes F+
Risk Statements 12
Safety Statements 9-16-33
RIDADR UN 1077 2.1
WGK Germany -
RTECS UC6740000
UEL 11.10%
LEL 2.00%
Flash Point(F) -162 °F
Flash Point(C) -108 °C

Related Products

Regulator Z513539, Aldrich® mini gas regulator
Hose barb Z146811, Hose adapter

Related Categories

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